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Arnold AFB, Tenn.

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September 7, 2021

704th Test Group, Det. 1 prepares for next-gen radar cross section testing

By Jill Pickett

AEDC Public Affairs

WHITE SANDS MISSILE RANGE, N.M.

- The ever-improving technology of the U.S. military requires the test and evaluation capabilities of the Air Force Test Center organizations to keep pace to prove the superiority of the systems and give confidence to the warfighters using them.

At the National Radar Cross Section (RCS) Test Facility (NRTF) at White Sands Missile Range, N.M., the 704th Test Group, Detachment 1 of the Arnold Engineering Development Complex has improved their turntable mounting capability to enable testing of next-generation platforms with reduced or low RCS signatures. This improvement was achieved through the implementation of a new foam for supporting test articles.

The lower the RCS signature of a platform, such as a plane, missile or drone, the harder the platform is to detect with radar. Radar transmits radio frequency (RF) energy, then measures how much energy is directed back at the transmitter from obstacles in the path.



A T-38C is mounted to the large turntable for radar cross section testing using supports made from the previous type of foam used by the 704th Test Group, Detachment 1 at the National Radar Cross Section Test Facility at White Sands Missile Range in New Mexico in 2017. A new, sturdier type of foam now being used by the Detachment will allow the supports to be much smaller and cause less contamination in the data. (U.S. Air Force photo)

See **704TH**, page 3

Arnold AFB Commissary launches CLICK2GO service



Casey Cooper, grocery manager for the Arnold Air Force Base Commissary, loads groceries into a vehicle while fulfilling an order in the Commissary CLICK2GO system, Aug. 11 at Arnold AFB. During the selected pick-up timeframe, customers park in designated spots in the commissary parking lot and call to notify store employees they have arrived. An employee brings the order out and loads it into the customer's vehicle. (U.S. Air Force photo by Jill Pickett) (This image has been altered by obscuring a license plate for privacy.)

By Jill Pickett

AEDC Public Affairs

A service that has become prevalent among grocery retailers is now available to Arnold Air Force Base without them." Commissary patrons - online ordering with curbside delivery.

The local commissary launched Commissary CLICK2GO in early August with a ribbon cutting ceremony at the store. All authorized commissary patrons can now use the serstore are also available online 24/7.

an 11-store rollout over the past two years and is now expanding to all stateside commissaries by the end of saries.com. the year.

vice to shop. All items available in- place their orders online using a missary are convenience and concomputer or mobile device, choose "It feels great to officially start the a pickup time and then pay for their

program here at Arnold, especially order. At their selected pickup time, after seeing all the training my team they will park in designated parking has taken," said Brandon Jelson, spaces and commissary employees store director. "They are so talented will bring their order to their vehicle. and hardworking; we could not do it CLICK2GO users will have access to enhanced production information, The Defense Commissary Agen- recipe features, and featured sales cy initially began the service with and promotions. Customers looking for more information on the CLICK-2GO service can go to www.commis-

"The two biggest benefits to CLICK2GO allows patrons to the patrons at Arnold AFB Com-

See COMMISSARY, page 3

AFTC 2021 SE&TM **Outstanding Performers**

By Air Force Test Center Public Affairs

EDWARDS AIR FORCE BASE, Calif.

- Air Force Test Center congratulates the AFTC-level Science, Engineering and Technical Management annual award winners The SE&TM awards



provide annual recognition for exemplary contributions and dedication to the SE&TM community; accomplishments are affirmed through 19 awards in two categories- SE&TM and Sponsored Awards.

"The exemplary contributions and dedication of our Airmen across the Test Enterprise to the Science, Engineering & Technical Management community is critical to our mission and inspiring. Congratulations to the annual SE&TM award winners," said Maj. Gen. Evan Dertien, Air Force Test Center commander.

The following Airmen and teams went on to compete at the Air Force Materiel Command level. AFMC winners were announced on Aug. 31.

- Junior Military Scientist/Engineer Capt. Nathanial Catt 96th Test Wing Eglin Air Force Base, Florida
- Mid-Career Military Scientist/Engineer Capt. Kyle Hathaway 412th Test Wing, Edwards AFB, Calif.
- Junior Civilian Scientist/Engineer Rebecca Mitchell 412th Test Wing Edwards AFB, Calif.
- Mid-Career Civilian Scientist/Engineer Melissa Tate **AEDC** Arnold Air Force Base, Tennessee
- Senior Civilian Scientist/Engineer Jose Diaz **AEDC**

Arnold AFB, Tennessee

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Cop Corner: 20th anniversary of the 9/11 attacks



Col. Jeffrey Geraghty Commander

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Core Values

- Integrity first
- · Service before self
- Excellence in all we do



Vision

"NAS delivers the best aerospace testing capabilities today and in the future.'

Values

• Ethics. We are uncompromising in our integrity, honesty, and fairness. Safety & Health. We are relentless in keeping people safe from harm, and

environment

- Security. We are disciplined and vigilant in protecting sensitive AEDC information and ensuring system integrity to support Excellence. We thrive on challenge accomplishment, and mission success.
- Quality. We are passionate about doing our work right the first time. People. We have a mission-focused,
- inclusive workforce who have a diverse skill set, are committed to success, demonstrate innovation and have a can do attitude.
- Culture. Our team is proud of our diver sity, inclusiveness, and collaborative work environment. We are proud of what we do and how we do it.
- · Relationships. We build positive, longterm business relationships through trust,
- respect, and collaboration. Innovation. We overcome challenges through creativity, perseverance, technology, and flexibility. We actively seek to
- continually improve. Sustainability. We plan and act for the long term benefit of our communities and our environment

AEDC commander discusses potential changes, addresses rumors arising from pandemic

By Bradley Hicks

AEDC Public Affairs

While no significant changes are planned in the interim, updates to Arnold Engineering Development Complex COVID-19 policies to correspond with high-level coronavirus-related announcements could soon be implemented across AEDC.

This possibility and the potential impacts were addressed by AEDC Commander Col. Jeffrey Geraghty during an Aug. 10 virtual town hall broadcast via Facebook Live.

Geraghty said uncertainty generated by the ongoing CO-VID-19 pandemic, which has been further heightened by the emergence of the delta variant, prompted him to host his first virtual town hall in more than a year. He took the opportunity to field several questions, discuss possible policy changes and get sonnel attestation of vaccinaout in front of circulating ru-tion status.

postures that, at least for now, will not realize major alterations. Among these is the base entry posture at Arnold Air Force Base, headquarters of AEDC.

Geraghty said the criteria requiring compliance with AEDC COVID-19 policy remains in place for base entry, adding compliance screening conducted by base security at installation entry points continues.

Although vaccinated personnel were, for a time, permitted to remain indoors without a mask, Geraghty said that authority is no longer in place. He all of the implications of that said the requirement to mask indoors regardless of vaccination status applies not only to AEDC facilities but all Department of Defense installations located in the U.S. and abroad due to guidance issued in July by the Defense.

at the outset of the pandemic, Geraghty said, adding that after a period of return to in-person meetings and increased onsite personnel, the workforce is again trending toward more telework opportunities.

"I'm not making any winglevel decrees," he said. "I trust and all of the staff at the Desupervisors to make the right decisions for their specific work center. Whether they need to tell their office, 'Hey, we're teleworking full-time,' I'm not going to do that for the entire government workforce, for the entire base, at Arnold Air Force applying to those unable or un-Base."

recent changes to Centers for could likely become a require-Disease Control and Prevention ment for installation access. guidance. The CDC currently even if fully vaccinated, receive COVID-19 testing within three to five days if they've been in close contact with someone who has tested positive.

policy to adopt that right now," implemented as the DOD works — we have a lot more tools in the Defense Strategy."



Col. Jeffrey Geraghty **AEDC Commander**

Geraghty said. "Our policies, we will be revising them soon, but we're deliberately not making a bunch of little changes right now that make it confusing to keep up with because we do anticipate a fairly large change coming."

This change pertains to per-

In late July, the Pentagon an-First, Geraghty discussed nounced that Department of Defense personnel will be asked to attest to their vaccination status. Those unable or unwilling to attest to being fully vaccinated will be required to wear a mask in all locations, adhere to social distancing guidelines and comply with coronavirus testing at least once per week. At the same time, President Joe Biden announced the same requirement for federal employees.

> "That is going to require a lot of forethought and planning, and that's what the government is doing right now - making sure they've thought through to deliver answers to the quesforthcoming change, including things like who's going to pay for the tests that the non-vaccinated personnel have to get once or twice a week in order to gain base installation access," Gerimplement the policy, our headquarters at Air Force Materiel Command and Headquarters Air Force, they're asking those questions to the Department of partment of Defense to make questions that are going to pop up before we start implementing that policy."

Geraghty said the protocols to the pandemic.

recommends that individuals, going to apply to the government workforce," he said. "I requirement for base entry."



Avoid touching your eyes, nose and mouth with unwashed hands.

Clean your hands often

with soap and water

and/or hand sanitizer.



putting distance between yourself and other people.

Stay home if you're

Avoid close contact,



sick, except to get medical care.

Cover coughs



and sneezes.

you are sick.

Wear a face mask if



Clean and disinfect frequently touched

For more information about the Arnold AFB response to the pandemic, including the gate entry screening process, visit

surfaces.

arnold.af.mil/coronavirus.

tions the attestation policies have presented, Geraghty said.

Another impending DODlevel requirement impacting some at AEDC is that by mid-September, the Secretary of Defense will request the President the Secretary of Defense will not need presidential approval Defense medical professionals was announced by the Pentagon on Aug. 9.

Geraghty also looked to conthe temporary closures of offices and facilities, just as they had in March 2020 in response despite difficult circumstances.

inventory to protect the health of the workforce now than just separating people from each other and keeping them off the base. We have PPE [personal protective equipment] available such as masks, hand sanitizers, all of that stuff.

"We are keeping our eyes on the local health care capacity. Those are things that go into the decision as to our Health Protection Condition assessment and what our health protection posture will be, but the data we're looking at right now does not indicate that we're going to shut the base down any time soon. We're keeping our eyes on all the appropriate data.

"The delta variant, as it goes through the base and the base population, you're probably aware the CDC rates our local communities, our four closest counties here, as an area of high transmission of the virus, but we have so many tools now at our disposal to protect the health of the workforce, including the vaccine. I do encourage everybody to make an informed decision about the vaccine. Talk to your health care professionals. We have some resources online that will help you get some factual information about the vaccine. It is known to protect very effectively against what we've been trying to mitigate the risks of all along, which is the long-term hospitalizations and deaths due to COVID-19, and it's exceptionally effective at preventing those particular outcomes."

Responding to one of the questions he received during the broadcast, Geraghty said he is unsure whether there will be a religious exemption for military members for either the vaccination or testing. He was also asked why all of the contractors aghty said. "For the government to allow him to mandate that all at Arnold AFB are not seeking office of the U.S. Secretary of workforce, what will be your military members receive the funding through the Coronaviduty status while you're off COVID-19 vaccination under rus Aid, Relief and Economic The AEDC telework posture getting a COVID test if you're emergency use authorization. Security, or CARES, Act and also remains the same as it was not vaccinated? All these good If one of the vaccines gains full whether a contractor can be terquestions that require a solid approval by the Food and Drug minated for refusing testing or and coherent answer before we Administration before that time, vaccination. Geraghty said he has only the authority to set the conditions for base entry, with and will simply add it to the these parameters likely comlist of mandatory vaccines for ing from higher headquarters, military members. This timeline and referred those sharing these concerns to their company's supervisory chain.

During the town hall, Gersure that we in the government trol rumors that Arnold AFB aghty expressed his gratitude have a solid answer to all those leadership would soon institute for all members of the workforce across AEDC for continuing to accomplish the mission

"I really appreciate all that "As it currently stands, I you've done over an extremewilling to attest to vaccination don't have any intent to do that ly tough year-and-a-half," he Geraghty also touched on status, such as regular testing, right now," Geraghty said. "My said. "It's really quite impresteam hasn't brought to my at- sive. I can tell you that you still tention any information as of have the attention of the high-"I don't think they're just right now that would lean us in est levels of the Department that direction. Although we're of Defense and how important still adhering to the same prioriour mission is. Our National anticipate they're going to be a ties we've had throughout this Defense Strategy is still the whole pandemic - protect the same as it's been as long as It could be another month or health of the workforce, execute I've been in command here, so before AEDC policy updates as much of the mission as pos- and we are an extraordinarily "We're not rewriting the to reflect these requirements are sible and take care of each other important part of that National

Smoking Policy

ment of the mission.

- The following revised Arnold AFB smoking policy is effective immediately and applies to all individuals on
- Arnold AFB. Traditional Tobacco products (e.g. cigars and cigarettes):
- a. Smoking is permitted solely in Designated Tobacco Areas (DTAs) identified by designated signage. If no signage exists, smoking is not permitted in that area. It is the responsibility of all smokers to keep DTAs clean of cigarette butts.
- b. Tobacco use on the Arnold AFB Golf Course is permitted, but discouraged based on the health hazards of tobacco use and secondhand smoke. No smoking is permitted within 50 feet of golf course buildings except in the approved DTA.
- c. Smoking in government-owned/leased vehicles is strictly prohibited. Personnel are allowed to smoke in their personal vehicles at any time; however, at no time will personnel discard cigarette butts outside their vehicle. d. For government employees, the fact that a person smokes has no bearing on the number of breaks they may take. Breaks should be taken in accordance with the current supervisory and personnel policies that afford all employees the same break opportunities consistent with good work practices and accomplish-
- Smokeless Tobacco products (e.g. snuff and dip): Smokeless tobacco products are not to be restricted to DTAs. Smokeless tobacco use will be permitted in all workplace areas (inside and out) subject to reasonable safety and sanitary conditions. Specifically, containers of tobacco waste product, including sealed containers, must not be left unattended or disposed of in trash
- receptacles. Users of smokeless tobacco must flush tobacco waste down the toilet. Electronic Cigarettes (also known as "e-cigs"): Pursuant to Air Force Instruction (AFI) 40-102, Tobacco Free Living, e-cigs are considered to be equivalent to tobacco products; however, e-cigs are not restricted to DTAs and are allowed to be used outdoors at a minimum distance of 25 feet from building entry/egress points. (This policy is dated July 27, 2016)

Action Line

I believe in free and open communications with our Team AEDC employees, and that's why we have the Action Line available. People can use the Action Line to clear up rumors, ask questions, suggest ideas on improvements, enter complaints or get other issues off their chests.

The Action Line has been expanded to include an option for your ideas, comments, or suggestions on the AcqDemo personnel system. Simply call the normal x6000 commander's action line. You will then be prompted to select option 1 for the Commander's Action Line or Option 2 for the AcqDemo line. They can access the Action Line via the AEDC intranet home page and by calling 931-454-6000.

Although the Action Line is always available, the best and fastest way to get things resolved is by using your chain of command or by contacting the organization directly involved. I encourage everyone to go that route first, then if the situation isn't made right, give us a chance.

Col. Jeffrey Geraghty **AEDC Commander**

704TH from page 1

"If a test article is well de- background sources. signed or treated, the amount

RCS signatures present challenges during testing due to interference from facility structures and other

of RF energy that is returned on a turntable using foam colback to the radar has a lower umns. Foam is RF transparent decibel intensity, and is harder at low RF ranges, which means items as large as fighter jets usto detect," said Maj. Nathan it causes little interference in ing foam column supports. Lesman, assistant director of the collected data. The foam Operations for the Detachment. becomes more visible to the tribute to a small [RF] return While this is good dur- radar at the RF ranges needed ing operational use, lower to test low RCS signature test articles.

> "We design our foam coltest umns to have the least RF interference possible, but one of

our constraints is the need to foam column returns." Test articles are elevated adequately support the test article," Lesman said.

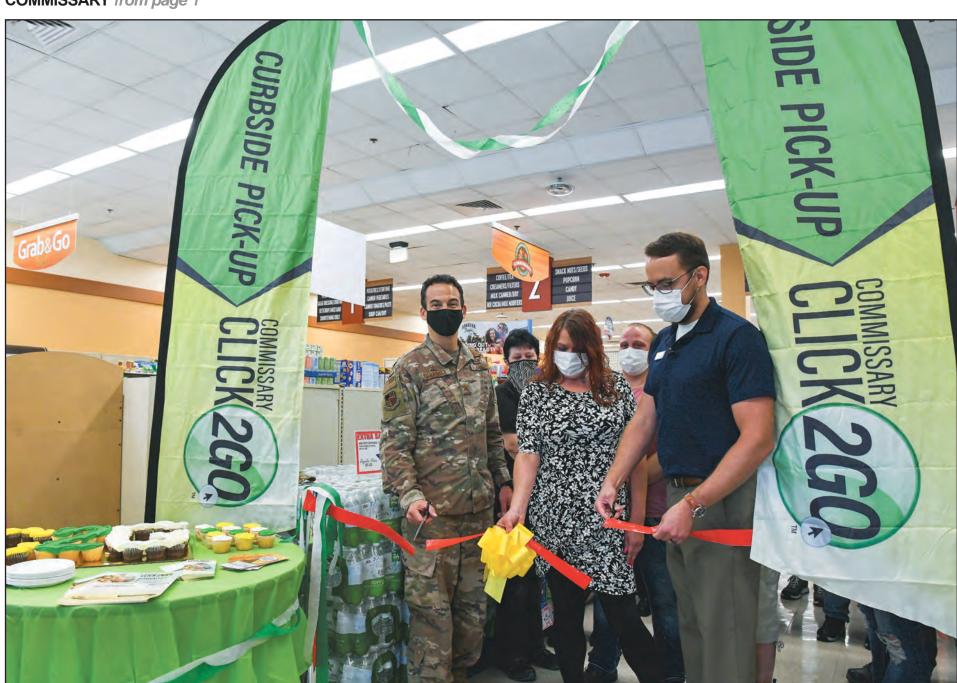
The Detachment has tested

"One aspect that can conis to make an object physically small," Lesman said. "If we can use sturdier foam columns, then we can use smaller foam columns, which helps us better isolate test article returns from

been used up until now because of the health risks posed by shaping it with a hot wire, the method previously used by the Detachment. These risks aren't present when cutting the standard foam with a hot wire. New tooling for shaping foam is allowing the Detachment to take advantage of the sturdier material and deliver even higher quality data to customers.

"We have powerful tools The sturdier foam hasn't for processing contaminants out of collected RCS data, but as RCS signatures get lower we have a need to collect less contaminated data natively," Lesman said. "Lowering the RCS signature of our foam columns, a potentially large contaminant, enables us to provide our range users with highly accurate data regardless of the method used to mount a test article on our range."

COMMISSARY from page 1



Col. Jeffrey Geraghty, left, commander of Arnold Engineering Development Complex headquartered at Arnold Air Force Base, and Brandon Jelson, store director of the Arnold AFB Commissary, cut the ribbon during a ceremony to celebrate the launch of the CLICK2GO online ordering and curbside pick-up service at the commissary, Aug. 3. Also pictured, holding the ribbon, is Casey Cooper, grocery manager for the commissary. (U.S. Air Force photo by Jill Pickett)

tactless shopping," Jelson said. "You can now 'shop' from home.'

The launch of the service at Arnold AFB comes as the COVID-19 pandemic is surging once again in the U.S. The Arnold AFB Commissary has remained open throughout the pandemic and used risk mitigation measures to provide as safe a shopping experience as possible. The CLICK2GO service will give patrons another option to access their commissary benefits with minimal contact.

"I think demand for the commissary stayed the same throughout the pandemic," Jelson said. "However, the importance of having a contactless shopping experience increases in parallel to the spread of COVID."

Visit AEDC media soon for a video providing more information about CLICK2GO service.



Casey Cooper, grocery manager for the Arnold Air Force Base Commissary, places frozen food items in a designated location in the store's freezer while fulfilling an order in the Commissary CLICK2GO system, Aug. 11 at Arnold AFB. After items for an order are pulled, they are bagged, the bags labeled, and then placed in three separate areas depending on what temperature they need to be stored - ambient room temperature, refrigerated and below freezing. (U.S. Air Force photo by Jill Pickett)

SE&TM from page 1

- **Technical Management** Michael McGuire AEDC, Arnold AFB, Tennessee
- **Technical Management** Team

B-52 Developmental Test Team 412th Test Wing Edwards AFB, Calif. Team members: Kerry R. Young, Prince A. Tucker, Jose A. Rosado, Kevin A. Thorn, Michael T. Cesena, Kenneth J. Fuller, Bobbi C. Zapka, William G. Statom, James E. Pizinger, Chaz L. Guerrero, Lt. Col. Sean O. Siddiqui, Maj. Erik M. Hillard, Maj. Jonathan M. Aronoff, Maj. Samuel E. Wright, Maj. Alex B. Kroll,

Maj. Darren R. Montes, Maj.

- David R. Meyn, Maj. Brian N. Heemstra, Capt. Francis X. Loiacono, Capt. Kristian E. Warner, Capt. Jonathan S. Geerts, Capt. Thomas P. Hulsey, Zachary L. Davis, Benjamin D. Stolte, Jeromy D. Smith, Jack D. Garret, Brian A. Tom, Douglas B. Sabo, Merrice Spencer, James T. Lester
- **Engineering Technician** Russell Loos **AEDC** Arnold AFB, Tennessee
- **Career Achievement** Collin Broughton **AEDC** Arnold AFB, Tennessee
- Support Clarence Mitchell **AEDC**

General James Ferguson Engineering Award Maj. Nathan Lesman **AEDC**

Arnold AFB, Tennessee

Arnold AFB, Tennessee

General Bernard P. **Randolph Engineering Team Award** Cyber Test Team

96th Test Wing Eglin Air Force Base, Florida Team members: James C.

Hobin, Nicole Potter, Steve Ferreira, Eric Rudolph, S. Aaron Topp, Corey Cook, Steven A. Newton, Christopher Lovewell, Kevin McGowan

- General Lester L. Lyles Award
- T-7 Distributed Test **Operations Team** 412th Test Wing Edwards AFB, Calif. Team members: Rebecca Mitchell, Scott Davis, Anthony Valdespino, Sands Sprague, Pamela Hoge, Chris Crawford, Fridosh Choksey, Maj. Charles Brantigan, James McCorduck, Pete Bouras, Capt Jennifer Yeom, Maj. Corey Struck, Adam Holt, Nestor Franco, Christian Davis, Michael Norville, Tyler Sanders, Jacob Albright, Darryl Watkins, James Shenberger, Adam Eichenhofer, MSgt. Kyle Quigley, Maj. Khoa Tang
- Captain Roland R. **Obenland Engineering**

Memorial Award Lt. David LaBuda **AEDC** Arnold AFB, Tennessee

Outstanding Scientist Team Award

> Aerodynamic Performance Test and Evaluation Team **AEDC** Arnold AFB, Tennessee Team members: Kristyn Nivins, Adam Harris, Ben Howell, Chris Curnes, David Smith, Emily Tranberg, Isaiah Salinas, Jacob Beard, James Reiner, John Hopf, Lt. Col. John McShane, Josh Webb, Marvin Sellers, Melissa Minter, Michael Nelson, Nathan Payne, Paul Stellato, Ryan Brooks, Ryan Gill, Scott Meredith, Wesley Cobb, Maj. Wesley Anderson, William Schuman

Team uses game to match problems with solutions

By Daryl Mayer

AFLCMC Public Affairs

WRIGHT-PATTERSON FORCE BASE, Ohio (AFLCMC) – The Air Force Life Cycle Management Center Simulators Division's Innovation Cell devised a unique and fun way to marry new technologies with old problems with their version of a reality show game.

Rather than pitch a single idea for a problem, the cell will bring in multiple prototypes in a means to find the best "match." They expect this approach in exposing new technologies will help identify opportunities to leverage across the enterprise.

"This year we've come up with a new

idea, called the Innovation Match Game," said Margaret Merkle, Chief of Innovation Programs. "[It] has them look at other use cases across the Air Force to see if we can reuse this technology in another space and leverage the investment that the Air Force has made."

The Simulators Division is responsible for delivering training and simulation capabilities to warfighters. They currently manage 2,300 devices across the world that train pilots, aircrews, maintainers, etc. Having the ability to integrate all these systems would offer huge benefits.

One example, according to Dylan Greco, Innovation Cell Program Manager, would be using a virtual environment to allow crews to practice loading a Joint Di-

tying up an aircraft or using an actual munition.

"It really sets people up, both the users and training units, really well," he said. "They can spend their time making this training as real as they can."

The cost savings in terms of dollars, time and manpower are substantial.

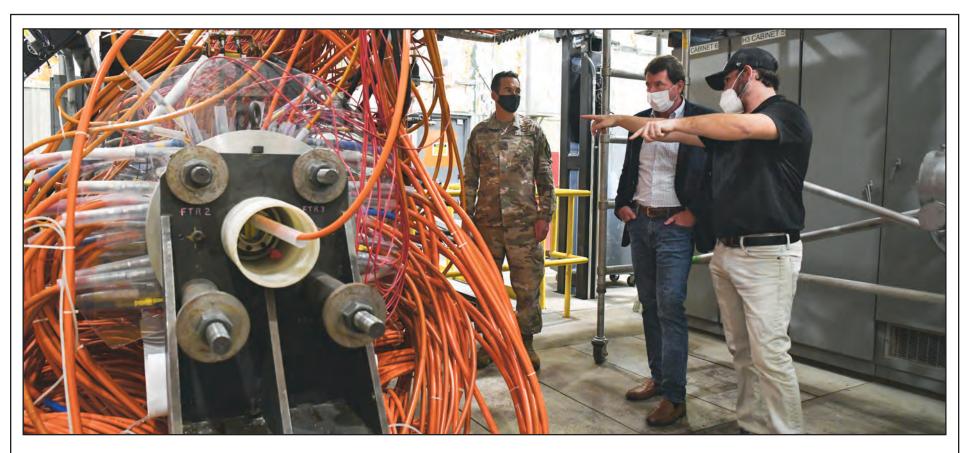
"They're a great way to immerse somebody in an environment and have that be a safe place to explore and learn those things that don't tie up an aircraft and don't tie up a bunch of equipment or a bunch of oth-"One of the one of the great things about training in the virtual reality headset is that you can repeat things over and over again

rect Attack Munition on a B-52 without until you're familiar with how things operate and you're not like tying up a whole classroom of people, while you're doing

> The Innovation Cell also recognizes the benefits offered by combining real and virtual assets during training.

> To hear the full conversation, you can watch Leadership Log on YouTube at https://youtu.be/UPG701t8mUQ. can also listen by searching "Leadership Log" on Apple Podcast, Google Podcast, Spotify, Overcast, Radio Public or Breaker.

Units or companies that would like er people unnecessarily," Merkle added. to be involved should reach out to AFL-CMC.WNS.Sims_Innovate@us.af.mil for more information. The deadline for applications is Sept. 10.



Sen. Bill Hagerty visits Arnold Air Force Base

John Hile, right, an Arnold Engineering Development Complex (AEDC) test engineer, explains how an arc heater works to Sen. Bill Hagerty of Tennessee during a visit by the senator to the headquarters of AEDC, Arnold Air Force Base, Aug. 23. Arc heaters allow for the testing of thermal protection systems in simulated environments representative of hypersonic flight. Also pictured is Col. Jeffrey Geraghty, commander, AEDC. (U.S. Air Force photo by Jill Pickett)

Around Arnold

September is Suicide Prevention Month

Suicide awareness: What you can do to help

By AEDC Safety

The month brings awareness to a topic we just do not talk about very often. Everyone is affected by suicide, not just the victim. Suicide impacts family and friends long after Center for Health Statisthe loss of a loved one.

The National Alliance on Mental Illness states on their website, "We use this month to reach out to those affected by suicide, raise awareness and connect individuals with suicidal ideation to treatment services. It is also important to ensure that individuals, friends and families have access to the resources they need to discuss suicide prevention. NAMI is here to help."

for more information.

suicide rates increased 33 percent between 1999 and 2019. Good news though, cide on society is another the CDC also tells us from less obvious cost. Suicides 2019 to 2020 deaths by suicide declined by 5.6 percent, which was the per year in lifetime medisecond consecutive year of cal and work-loss costs decline.

COVID-19 became the third leading cause of suicide and survive may death in 2020 making suicide drop from tenth to the eleventh leading cause of dition to depression and death. Suicide was respon-

deaths in 2020, which is attempts affect the health minutes. That includes approximately 18 U.S. Military veterans and more person every day.

The CDC National tics reports that the suicide rate typically peaks in the spring and the fall.

As you might expect the number of people who ed. think about or attempt suicide is even higher than saw the number of calls to those who are successful. In 2019, 12 million crisis hotline in March American adults seriously thought about suicide, 3.5 million planned a suicide attempt and 1.4 million actually attempted suicide. Annually, more than 374,000 people are treated Visit www.nami.org/ in emergency departments Get-Involved/Awareness- for self-inflicted injuries. Events/Suicide-Preven- The good news is that tion-Awareness-Month more than 90 percent of people who attempt sui-The CDC tells us that cide and survive never go on to die by suicide.

> The financial toll of suiand suicide attempts cost the nation over \$70 billion

People who attempt experience physical problems in adother mental health consible for more than 44,834 cerns. Suicide and suicide feeling suicidal.

about one death every 12 and well-being of friends, loved ones, co-workers and the community. When people die by suicide, than one active service their surviving family and friends may experience shock, anger, guilt, symptoms of depression or anxiety, and may even experience thoughts of suicide themselves.

Suicide can be prevent-

The CDC reports, "We the national mental health 2020 was over 800 percent higher than the year before. People were reaching out and using those services, which is a positive thing and likely made a difference for some."

It seems that admitting that there's a problem can, for some, be the toughest part of the battle. The stigma associated with mental health issues, including post-traumatic stress disorder, overtakes the need to ask for help. Instead of reaching out and talking about the problem, people are choosing to end their lives to find relief.

Warning Signs and **Actions to Take**

The National Counlong-term cil for Behavioral Health . provides a list of clues and actions to take to help you tell if someone is

Warnings:

- Talking about wanting to die or kill oneself
- Talking, writing, or posting on social media thoughts on death, dying or suicide
- Looking for ways to commit suicide: seeking access pills, weapons other means
- Talking about feeling hopeless or having no purpose
- Acting anxious, with rage agitated, or anger, seeking revenge
- Talking about feeling with trapped way out or being in unbearable pain
- recklessly Acting or engaging in risky activities, seemingly without thinking
- Increasing alcohol or drug use
- Withdrawing friends, family society
- Sleeping to much or too little
- Dramatic changes in a problem. mood
- burden to others

Actions:

- Evaluate for risk of suicide or harm
- Listen nonjudgmentally
- Give reassurance and information
- Encourage appropriate professional help
- Encourage self-help and other support strategies

If you think they may be considering hurting yourself?

keep listening and supporting

If the answer is yes, ask do you have a plan? have what it takes? If they answer yes to these questions, call 911 get and help immediately.

about someone's mental trusted friend. Sometimes 931-454-7233 not miss an opportunity to days

Talking about being a you or someone you know regular duty hours. needs help, the Veterans

Crisis Hotline is staffed 24 hours a day, seven days a week, at 1-800-273-8255, press 1. Services also are available online at www. veteranscrisisline.net or by text, 838255.

You can also connect 24/7 to a crisis counselor by texting the Crisis Text Line. Text HOME to 741741.

They are free and confidential. You'll be connected to a skilled, trained counselor in your area.

In Feb. 2020, Gen. Arthemselves ask them di- nold W. Bunch Jr., comrectly, are you thinking mander, Air Force Mateabout suicide or hurting rial Command, visited Arnold AFB and during If the answer is no, the visit he encouraged us to "be deliberate in relationships building and team cohesion to take care of each other." So How - When? Do you as we go about our daily business take the time to look, listen and take care of each other.

If you observe an un-If you are unsure about safe action or condition what to do or if you worry that needs immediate attention (i.e., one that crestate ask them directly or ates immediate danger go to Human Resourc- to life or health), call the es, your supervisor or a AEDC Safety Hotline, there are no clues and we E). This number rings in do not know to help. Do AEDC Safety on weekduring business help when you do suspect hours. The Operations Center answers calls at Need help? Know night, on weekends and someone who does? If after the fourth ring during

Take care of each other.

anniversary of

By Dan Hawkins

Arnold AFB Anti-Terrorism Program Manager

to forget the first attack on the was eclipsed by the more re- the United States. Americans Investigations (OSI) using the World Trade Center.

More than 28 years ago, on September 11 will mark the and Evad Ismoil drove a mov-20th anniversary of the dev- ing van packed with more When they didn't achieve the for the enemy. astating attacks of Sept. 11, than 1,300 pounds of explo- desired success on their first taries that have aired since in the basement of the World the attacks refer to the date as Trade Center. They detonated eight and a half years before years or decades away. the "day international terror- a bomb that killed six people ism struck the homeland," or and caused extensive damattacks were devastating and earlier example of internal least 87 thwarted attacks and

the next attack.

In the years since the 9/11

cent 9/11 attacks. However, it have become more acclimated Eagle Eyes program at 931should be remembered as an to the idea of reporting suspi- 454-EYES (3937) or to the OSI Feb 26, 1993, Ramzi Yousef example of how patient and cious activity, thereby creating Duty Agent at 931-434-4885. calculating our enemy can be. a more difficult environment You can also contact the Base

As we mark the somber oc-something. casion of the 9/11 anniversary, something similar. The 9/11 age. Even though it was an attacks, there have been at please continue to report suschanged our culture forever, tional terrorism, that attack more than 500 people have You can report directly to the group: but they caused many people is largely forgotten because it been charged with terrorism in Air Force Office of Special Corner@us.af.mil.

Defense Operations Center Our enemy has not gone (security dispatch) at 931-454-2001. Many of the documen- sives into a parking garage attack, they waited, watched away, and we must anticipate HELP (4357), and the Anti-Terand planned. It would be over future attacks even if they are rorism Office at 931-454-7608.

If you see something, say

Please direct any quespicious activities or behaviors. ture articles to our distribution

Immunization entwined in Armed Forces history

By Estella Holmes

Air Force Materiel Command Public Affairs

WRIGHT-PATTERSON **AIR** FORCE BASE, Ohio - National Immunization Awareness Month is an annual observance held in August to emphasize the importance of vaccination to protect the health of people of all ages.

The term immunization is used interchangeably with vaccination, although they are not one in the same. The act of receiving a vaccine into the body produces immunity.

The history of vaccinations in the U.S. portrays an extended effort to leverage research and technology to protect Americans by lowering health risks.

Early inoculations began with tests to protect against smallpox in 1796, followed by the next routinely recommended vaccines that protect against pertussis (1914), diphtheria (1926) and tetanus (1938), according to the Immunization Advisory Center webpage.

George Washington, commander in chief of the Continental Army, prompted by smallpox, is credited for man-

dating the first military vaccinations of troops in 1777, according to the Military Health System website.

Today, a large percentage of the American population receive vaccinations as children for protection from a specific list of communicable childhood diseases. Measles, mumps, chicken pox and other vaccines are commonly administered during the early years of a child's life and are credited with providing disease-free, healthful benefits.

Measles complications could include pneumonia, croup, acute brain inflammation/encephalitis, and corneal ulceration, which could lead to corneal scarring. The goal of vaccinations is to prevent lifealtering complications.

Military members receive vaccines when they enter basic training and before deployment to locations outside the U.S. to help protect them from infection.

According to the Military Health System, there are currently several vaccines that are required including polio, the influenza, Measles-Mumps-Rubella, hepatitis A and chickenpox. Additions to the inoculation list of required vaccinations can be made in order to protect military forces against threats both new and old



National Immunization Awareness Month is a reminder that throughout history vaccination has been employed as another weapon to keep military members safe.

specific to their environment based on Month serves as a reminder that throughthe potential of exposure to diseases like out history, vaccination has been emthat posed by the COVID-19 and related

National Immunization Awareness ment posed by disease.

ployed as another weapon to keep military members safe in the hostile environ-

Rapid Dragon conducts first system-level demonstration of palletized munitions

By Dean R. Evans, Ph.D. Air Force Strategic Development Planning and Experimentation Office

EGLIN AIR FORCE Air Force Rapid Dragon Program, a fast-paced experimen-Planning and Experimentation office, completed two more successful demonstrations during its first systemlevel flight tests of this poten-Sands Missile Range, New Mexico, in July 2021.

The tests assessed the operational utility of palletized ment system. delivery of long-range strike weapons from military cargo aircraft, and showcased the tions Training Group Detachability for a Beyond-Line-of-Sight Command and Control the 418th Flight Test Squadnode to transfer Joint Air- ron conducted the airdrops to-Surface Standoff Missile- in an operationally-relevant Extended Range cruise mis- environment, demonstrating sile targeting data to airborne the feasibility of a palletized Air Force Special Operations delivery of long-range strike Command and Air Mobility weapons. The Naval Surface Command aircraft.

Futures, Air Force Special EC-130SJ and C-17A aircraft. stration.

The aircraft-agnostic ployment system sequentially effects capabilities. released multiple JASSM-ER

strated the ability to safely de-conflict the airspace between weapon release intervals. This capability can provide combatant commanders greater flexibility to respond BASE, Fla. (AFRL) - The in dynamic operational environments.

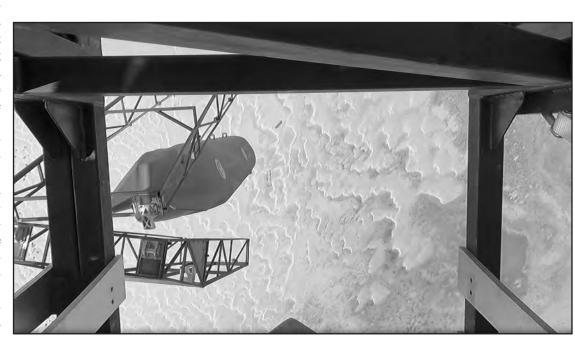
These jettison tests actation campaign led by the Air complished several first-time Force Strategic Development events: a successful high altitude airdrop using a modular deployment box; a successful jettison of multiple weapons from the palletized weapon deployment system; tial new capability at White and weapon de-confliction verification through the clean separation of JASSM-ER simulants from the deploy-

An operational aircrew from the 492 Special Operament 2 and a test aircrew from Warfare Center-Dahlgren; The SDPE office, along Standoff Munitions Applicawith its partners, Air Force tion Center; Lockheed Martin Missiles and Fire Control; Operations Command, Air Systima Technologies; Safran Mobility Command, U.S. Electronics & Defense, Para-Special Operations Com- chutes USA; and R4 Integramand Det 1, and the 412th tion, Inc. were integral to the Test Wing, completed its first success of this first-ever, endsystem-level flight test on to-end, system-level demon-

The Rapid Dragon Pro-Battle Management System gram will complete a liveonboard the aircraft received fire test with a production new targeting data and up- JASSM-ER from a cargo airloaded it to a JASSM-ER craft before the end of 2021. emulator. The JASSM-ER These tests will inform poemulator successfully dem- tential design refinement and onstrated the ability to retar- accelerate the maturation of get missiles while the aircraft these systems for further cawas airborne. This set in mo- pability experimentation and tion the airdrop of the pal- rapid fielding. A follow-on letized weapon deployment program will look at expandsystem from each aircraft. ing the Rapid Dragon port-



Once the Palletized Munition Deployment System was stabilized under the parachutes, JASSM simulants were released sequentially, timed for safe separation between munitions. (Courtesy



Once the Palletized Munition Deployment System was stabilized under the parachutes, JASSM simulants were released sequentially, timed for safe separation between munitions. (Courtesy

ology used is transferrable to near-peer conflict. While stabilized and descend- folio to include additional other strike and cargo plat-

off system that transforms batant commanders additional flight test in only 10 months, the strike capacity of tactical thus changing the adversary's fighters and strategic bomb- calculus in an increasingly

ing under-chute, this new de- weapon systems and multiple forms, potentially increasing gram is progressing from con- tests were supported both oplethality of all JASSM-capa- cept to powered-flight within erationally and logistically in Rapid Dragon could ulti- ble strike assets. These new 24 months. From a modular many ways by organizations mass simulants and demon- mately lead to a roll-on, roll- capabilities can provide com- deployment box design to a from across the Air Force.

mobility aircraft into lethal flexibility to prosecute targets this nontraditional acquisistrike platforms that augment en-masse in the high-end fight, tion program continues to take risks and push the developmental envelope, accelerating ers. The retargeting method- complicated and dynamic change to deliver operationally-relevant capabilities for the SDPE's Rapid Dragon Pro- Future Force. These recent

AFIMSC expands eLearning platform to Total Force

By Malcolm McClendon

Air Force Installation and Mission Support Center

JOINT BASE SAN **Texas** – The Air Force Installation and Mission Support Center Directorate of Personnel team relaunched the Red-Vector eLearning platform recently, making it accessible to more Airmen and Guardians to provide broader support for job-mandated training requirements, professional credentialing and licensing.

RedVector offers close to 2,000 courses for professional skill development, continuous learning point credits, and continuing education and professional development units.

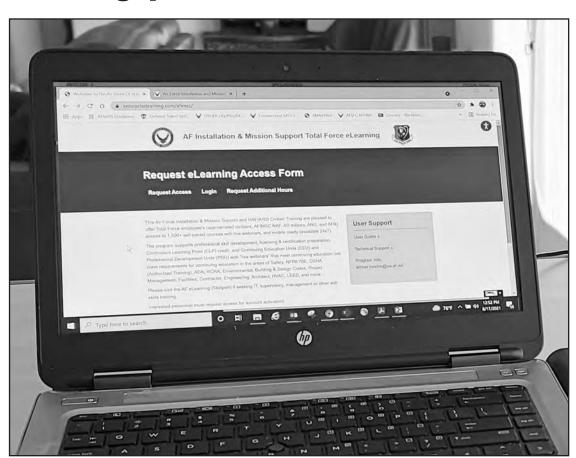
and Mission Support community, it provides certifications for topics in the areas of National Fire Protection Association, Occupational Safety and Health Administration, Americans with Disabilities Act, Resource Conservation and Recovery Act, Environmental and Energy, Building and Design Codes, Project Management, Facilities, Contractor, HVAC.

tion and mission support professionals," Robert Jackson, AFIMSC Personnel Director said. "We've seen the success this platform had in a limited ANTONIO-LACKLAND, capacity, specifically with civil engineers and now we're making it available to the broader audience as we continue to pursue organizational excellence enterprise wide."

The Air Force Civil Engineer Center originally tested the platform in 2012 for 20 students at Tyndall Air Force Base, Florida. After the initial pilot, AFCEC continued to grow the program until 2017, when AFIMSC consolidated all training programs under the Workforce Development Division.

Félix Colón, program manager, recognized RedVector's For those in the Installation potential and introduced it to Headquarters Air Force Directorate of Force Development to maximize its capability and to close an Air Force-wide training funding gap.

"Every year we are required to do an annual training needs assessment and I saw an opportunity to expand this to a larger audience," Colón said. "I brought the idea to Vice Chief of Staff of the Air Engineering, Architect, and Force as part of his Challenge Program, and he liked it. So "We continuously seek AFIMSC and HAF (Directornew options that enable us to ate of Force Development) partnered under a new contract



The Air Force Installation and Mission Support Center Directorate of Personnel team relaunched the RedVector eLearning platform recently, making it accessible to more Airmen and Guardians to provide broader support for job-mandated training requirements, professional credentialing and licensing. (U.S. Air Force photo by Malcolm McClendon)

to further fund the program the same courses online, Redand make this a real Total Force training initiative."

RedVector has proven its value and provided costs savings to the Air Force. The average travel and per diem cost for students to attend training is \$4,700 per course, not including tuition. By offering

Vector saved the Air Force tor and view courses offered, Since its relaunch in April, other \$1.9 million since April, com/lpe/course/search/b2b. Colón added.

tor, we are optimizing training opportunities to increase lethality, readiness and organizational knowledge across the Total Force," he said.

To register for RedVec-\$6.4 million in 2020 and an- visit: https://afcec.redvector.

Program managers ask en-"With tools like RedVec- rollees to use work email when registering and to allow one week for confirmation. For any other questions regarding the platform please contact: AFIMSC.DPD@us.af.mil.

Centralized hiring process to drive diversity, speed in recruitment efforts

By Marisa Alia-Novobilski

Air Force Materiel Command

WRIGHT-PATTERSON AIR FORCE BASE, Ohio - The Air Force Materiel Command has refined an existing centralized selection and hiring process to ensure it hires the right people to fill critical, entry-level developmental positions across the enterprise, faster and more efficiently.

"We should always seek the most qualified person when hiring. However, unconscious biases may exclude highly qualified people from competing. Centralized hiring for entry-level positions is one way AFMC plans to reduce unconscious bias and ensure our hiring process promotes diversity. It will also allow us to hire into critical positions faster," said Bill Snodgrass, AFMC Director of Manpower, Personnel and Services.

The Centralized Selection and Hiring Process will leverage Centralized Selection Cells (CSCs) within each AFMC Center to manage recruitment efforts for developmental positions where organizations have the authority to appoint qualified candidates directly into critical, hard-to-fill positions. Developmental positions are designed to train or develop employees in preparation for further career advancement.

AFMC Center CSCs will identify vacancies, post job opportunity announcements, review resumes, conduct interviews, CSCs will also track hiring met-sion. rics, to include timelines, turnon a routine basis.

"We want to reduce any chances of favoritism or bias in responsibility for recruitment in mand. the hands of trained human re-



Candidates speak with recruiters during a 2019 Civilian Hiring Fair. The Air Force Materiel Command has refined an existing centralized selection and hiring process to ensure it hires the right people to fill critical, entry-level developmental positions across the enterprise, faster and more efficiently. (Courtesy Photo)

experts that understand the demands of the position. The CSCs will work closely with supervisors to identify vacancies and the recruitment criteria; however, the supervisors will not be involved with candidate selection or hiring," said Tammy Lyons, Chief,

over rates, and new hire demo- CSC concept in August 2018 in graphics, which will be reported the contracting and logistics cato the AFMC headquarters team reer fields. In order to continue building a diverse and inclusive workforce, the CSC process will expand to include recruitment for the hiring process by placing the all career fields across the com-

annually through the expanded concept, dependent on local vacancies. These positions will include those covered by noncompetitive hiring authorities; non-government service (GS) positions such as Federal Wage System and Defense Civilian make selections, and more. The AFMC Personnel Support Divi- Intelligence Personnel System (DCIPS); and positions within AFMC began piloting the a broadband pay scale, such as AcqDemo and the Air Force Research Laboratory's Broadband-1. Exceptions to the posiby the AFMC headquarters personnel team.

> To assist in the implementation of the expanded process, Approximately 2,000 devel- AFMC has developed a Central-

sources specialists and functional opmental positions will be filled ized Selection Process Guide outlining roles, responsibilities and positions covered by the policy. The guidance also provides tools to assist the centralized selection teams in the development of hiring and interview panels, sample reference and interview questions, scoring matrices and tips for providing candidates feedback. Each AFMC center will develop their own implementation for the command as it moves into instructions based on the specific the future. needs of the organization.

> tions covered must be approved man resources teams understand the process and have the tools they need to implement it consistently across the command," said Lyons. "Our headquarters personnel team is available to assist Bunch, Jr., AFMC Commander.

throughout the process."

The Centralized Selection and Hiring Process is one of a number of ongoing initiatives within AFMC to better address diversity and inclusion while improving hiring timelines across the command. The goal is to enable greater diversity in entry-level and developmental positions, ensuring a more diverse workforce

"AFMC continues to lead "We want to make sure our hu- the Air Force in this area. Building a more diverse and inclusive workforce is key to our efforts to evolve into the AFMC our Air and Space Forces need for the future," said Gen. Arnold W.

AFRL extends capability for testing solid rocket motors with new equipment

By Joy Alich

Air Force Research Laboratory Public Affairs

EDWARDS ity, a Split-Hopkinson Miller. Pressure Bar system, bar, that measures stress improved rocket motors helps analyze material capability will also help

conditions. any solid propellant we der them useless. can manufacture," said

Installed in AFRL's on-site chemistry lab, rate tests is key to prethe system tests solid venting propellant at strain rates damage] and AFRL will that correspond to threats use this system to quantifrom bullet impact, frag- fy material properties rement impact and sympathetic detonations. The including those made with latter occur when unwant- advanced manufacturing ed detonation of a missile processes such as Resoissues a shock wave that dyn mixing and additive initiates detonation in a manufacturing," he said.

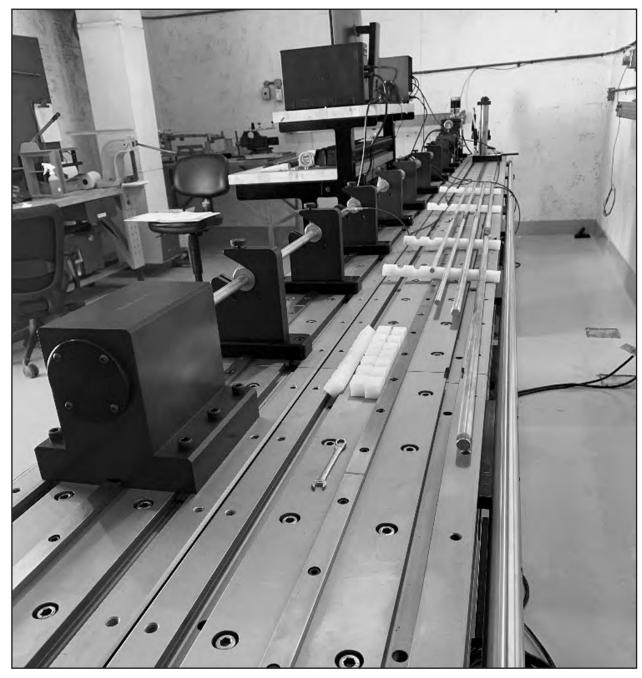
nearby missile.

"AFRL plans to use the system to test both propellant and space-bound AIR materials at high-strain FORCE BASE, Calif. rates so that structural (AFRL) – The Air Force models can be developed Research Laboratory's that will predict behavior, Rocket Propulsion Divi- especially failure, in realsion has a new capabil- world conditions," said

Ultimately, these modalso known as a Kolsky els will aid in designing at high strain rates and and satellites. This new behavior under severe AFRL to investigate other occurrences such as space "This system will give debris impact, which can AFRL a new and un- disable satellites, and in precedented capability to some cases, can comprotest and gather data from mise structures and ren-

Miller explained how Dr. Timothy Miller, se- "every solid rocket motor nior materials research tested has the potential engineer within AFRL's for defects that cannot Propellant Branch. "This be seen during manufacnew equipment capabil- turing, and even in the ity will continue to propel absence of defects, can AFRL into the future," he be susceptible to damage due to external events."

"Data from high strain [unintentional lated to all rocket motors,



AFRL's new equipment, a Split-Hopkinson Pressure Bar system, measures stress at high strain rates and helps analyze material behavior under severe conditions. Engineers from AFRL's Rocket Propulsion Division at Edwards Air Force Base, California will use the system to test and gather data from solid propellants and space-bound materials. (U.S. Air Force photo by Joy Alich)

Arnold AFB Milestones



Charles Mangino, TOS 40 years



Raymond Schlegel, AF 40 years



Charles Mangino, TOS Raymond Schlegel, AF

35 YEARS

Richard Cox, TOS Bill Rose, TMAS

30 YEARS

William Gonce, AF

25 YEARSAaron McAdams, FSS

15 YEARS

Rickey Bruce, TOS

Michael Wilson, TOS

10 YEARSMarcus Conner, AF

Milton West, AF

5 YEARSKelly Loudermilk, TOS

INBOUND MILITARYChief Master Sgt. Jennifer

Cirricione, AF

RETIREMENTS

William Baker, AF Robert Brim, TOS Mark Duke, TOS Mark Echols, AF Dennis Eggert, FSS Rita Perry, TOS Deborah Trice, AF

NEW HIRES

Roscoe Beitel, TOS

Sydney Bogard, TOS Jose Cabrales, TOS Jeffrey Chasteen, TOS Robert Croyle, TOS Timothy Frazier, TMAS Brandon Gallagher, TOS Luke Haverkamp, TOS Kimberly Henegar, AF Stephen Iocona, TOS Samuel Johns, TOS Brendan Kearney, AF Robert Kirby, TOS Thomas Knies, TMAS Kimberly Loudermilk, TOS Brandon Mariano, TOS Alexander Mayes, TOS Russ Meeks, FSS Cynthia Motroni, AF Michael Nolan, TOS Julia Olson, TOS Oladapo Omitowoju, TOS Patrick Parker, TOS Christopher Parris, TOS Christopher Phillips, TOS Daniel Reissner, TOS Elvy Rorie, AF Darbie Sizemore, AF Christopher Taylor, TOS Steve Trail, TOS Jason Troyer, TOS Jimmy Walker, TOS

PROMOTIONS

Michael Hareld Jr., SF, promoted to first lieutenant

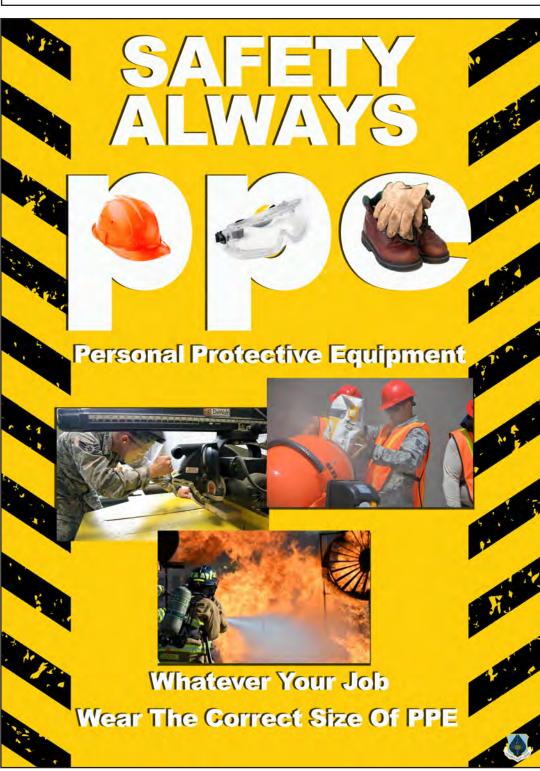
Samuel Wright, TMAS

Kodjovi Klikan, AF, promoted to first lieutenant



Klikan promoted to first lieutenant

Lt. Col. Dayvid Prahl, chief of the Arnold Engineering Development Complex Space Test Branch, right, administers the oath of office to newly-promoted 1st Lt. Kodjovi Klikan during an Aug. 6 promotion ceremony at Arnold Air Force Base. (U.S. Air Force photo by Bradley Hicks)







Thank You from The Green Team Eric Hopp (manager), Bud Schell, Jake Jordan 931-454-6068





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Plastic and Composite Shop sustains aircraft mission readiness

By Joseph Mather

Robins Public Affairs

ROBINS AIR FORCE BASE, Ga. - Many do not realize Air Force aircraft have a variety of composite, plastic and fiberglass parts that need to be maintained or replaced from time to time.

The 573rd Maintenance Squadron Plasand Composite Shop, part of the Warner Robins Air Logistics Complex at Robins Air Force Base, Georgia, ensures those assets and parts are available for the Air sustainment Force's mission.

Luke Rowland, Plastic and Composite Shop supervisor, said his team provides maintenance support to major weapon systems through major repair, manufacturing, as well as component and special process repair.

"The mechanics in this shop have extensive knowledge of the characteristics and properties of a variety of advanced composite adhesives materials, and honeycomb core," he said.

The plastic and composite workers take this knowledge and apply those skill to the programmed depot maintenance process.

"We do minor and major repair and overtrailing edges and other plastic, this team can do it."

The plastic shop repairs, modifies, and fabricates many types of components and assemblies by using advanced composite materials, such as pre-impregnated poly-quartz cloth, pre-impregnated fiberglass cloth, and carbon composite materials.

"Mechanics have the ability to examine aircraft comcracks, breaks, holes, bulges and dents," said



Dominko Anderson, 573rd Maintenance Support Squadron Plastics and Composite mechanic, applies filler putty to pin holes on a primed F-15 aircraft radome at Robins Air Force Base, Georgia, Aug. 12. The red primer makes pinholes and fisheyes more visible to the mechanic and allows the worker to fill the defects in with putty. (U.S. Air Force photo by Joseph Mather)

Rowland. "Once they ject to repair assets." determine the type and strength, the mechanic said Rowland. can make repairs by pairing new parts."

Rowland said the mechanics can make repairs using a variety of techniques, such as he said. "It's up to us to reinforcing, patching, parts, as well as applying film adhesives and sealants.

"We can also form and shape a variety mission." advanced structural core materials," botic system is being haul on all radomes, he said. "Our plastic installed in the Plastics C-130 aircraft spinners, and composite work- and Composite Shop. ers do this with materials such as structural will be capable of sand-"Anything core panels, aluminum ing, locating damage, that has to do with fi- honeycomb core, phe- and removing damage berglass, composite or nolic honeycomb core for aircraft radomes," and can work them into multiple contours investing in the future or irregular curves and planes to conform to inner and outer skin surfaces."

> shop repairs and over- cesses, and hopefully hauls more than 100 radomes annually.

"A majority of the radomes we work on are shop's mechanics are F-15 and C-130 aircraft extraordinary. radomes," he said. "We also average repairing team on Robins that more than 200 C-130 does what we do," he aircraft assets includ- said. "This team is posite and structures ing spinners, afterbod- production-focused to locate delamination, ies and brackets, along and each person in this with other routed and shop is crucial to our maintenance items sub- overall mission."

The plastic and comextent of repairs need- posite mechanics work ed to restore original must to be accurate,

"The precision that manufacturing and re- goes into these radomes and other assets has to be spot on in order for aircraft to be able to do what they need to do," make sure that aircraft or replacing defective gets a good quality, serviceable asset, so we take extra pride in what we do to be able to support the war-fighting

Rowland said a ro-

"The robotic arm he said. "Robins is of this shop and the capabilities that these robots have will make us more efficient with Rowland said the our day-to-day probring in more workload."

Rowland said his

"We are the only



David Robinson, 573rd Maintenance Support Squadron Plastics and Composite mechanic, sands an F-15 aircraft radome at Robins Air Force Base, Georgia, Aug. 12. The mechanic sanded off the seal coat and filler putty to make the radome smooth and ready to have primer applied. (U.S. Air Force photo by Joseph Mather)